

Sexually Transmitted Disease in Wisconsin 2011



Wisconsin sexually transmitted disease surveillance report, 2011

Persons 20-24 years of age

	Chlamydia*			Gonorrhea*			Syphilis*			Total*		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
Total												
Total	9,455	100.0%	2,262	1,648	100.0%	394	39	100.0%	9	11,143	100.0%	2,665
Sex												
Male	2,740	29.0%	1,291	624	37.9%	294	34	87.2%	16	3,398	30.5%	1,601
Female	6,712	71.0%	3,261	1,024	62.1%	497	5	12.8%	2	7,742	69.5%	3,761
Unknown	3	0.0%	-	0	0.0%	-	0	0.0%	-	3	0.0%	-
Race												
White	4,018	42.5%	1,099	312	18.9%	85	15	38.5%	4	4,346	39.0%	1,189
African American	2,785	29.5%	8,455	893	54.2%	2,711	23	59.0%	70	3,701	33.2%	11,235
American Indian	163	1.7%	3,021	25	1.5%	463	0	0.0%	0	188	1.7%	3,485
Asian/Pacific Islander	125	1.3%	888	8	0.5%	57	0	0.0%	0	133	1.2%	945
Other	141	1.5%	-	21	1.3%	-	1	2.6%	-	163	1.5%	-
Unknown	2,223	23.5%	-	389	23.6%	-	0	0.0%	-	2,612	23.4%	-
Hispanic ethnicity												
Hispanic	511	5.4%	2,071	49	3.0%	199	4	10.3%	16	564	5.1%	2,285
Not Hispanic	5,780	61.1%	1,469	956	58.0%	243	33	84.6%	8	6,770	60.8%	1,721
Unknown	3,164	33.5%	-	643	39.0%	-	2	5.1%	-	3,809	34.2%	-
Age												
0-4	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
5-9	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
10-14	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
15-19	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
20-24	9,455	100.0%	2,262	1,648	100.0%	394	39	100.0%	9	11,143	100.0%	2,665
25-29	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
30-34	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
35-39	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
40-44	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
45-49	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
50+	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Region of residence												
Northeastern	1,631	17.3%	2,101	216	13.1%	278	0	0.0%	0	1,847	16.6%	2,380
Northern	426	4.5%	1,293	27	1.6%	82	3	7.7%	9	456	4.1%	1,384
Southeastern	5,012	53.0%	3,748	1,242	75.4%	929	27	69.2%	20	6,281	56.4%	4,697
Southern	1,436	15.2%	1,372	122	7.4%	117	9	23.1%	9	1,568	14.1%	1,498
Western	950	10.0%	1,375	41	2.5%	59	0	0.0%	0	991	8.9%	1,435
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-

* Demographic breakdown not available for diseases with less than 5 cases reported.

** Cases per 100,000 population

Wisconsin sexually transmitted disease surveillance report, 2011

Reported cases by region and county

Persons 20-24 years of age

Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Northeastern												
Brown	462	4.9%	2,577	101	6.1%	563	0	0.0%	0	563	5.1%	3,140
Calumet	42	0.4%	1,783	2	0.1%	85	0	0.0%	0	44	0.4%	1,868
Door	22	0.2%	1,521	3	0.2%	207	0	0.0%	0	25	0.2%	1,729
Fond du lac	118	1.2%	1,766	28	1.7%	419	0	0.0%	0	146	1.3%	2,186
Green Lake	15	0.2%	1,705	1	0.1%	114	0	0.0%	0	16	0.1%	1,818
Kewaunee	15	0.2%	1,315	1	0.1%	88	0	0.0%	0	16	0.1%	1,402
Manitowoc	92	1.0%	2,001	8	0.5%	174	0	0.0%	0	100	0.9%	2,175
Marinette	27	0.3%	1,059	2	0.1%	78	0	0.0%	0	29	0.3%	1,137
Marquette	10	0.1%	1,637	0	0.0%	0	0	0.0%	0	10	0.1%	1,637
Menominee	33	0.3%	9,066	1	0.1%	275	0	0.0%	0	34	0.3%	9,341
Oconto	24	0.3%	1,319	4	0.2%	220	0	0.0%	0	28	0.3%	1,538
Outagamie	235	2.5%	2,002	21	1.3%	179	0	0.0%	0	256	2.3%	2,181
Shawano	54	0.6%	2,435	2	0.1%	90	0	0.0%	0	56	0.5%	2,525
Sheboygan	157	1.7%	2,252	16	1.0%	230	0	0.0%	0	173	1.6%	2,482
Waupaca	50	0.5%	1,810	3	0.2%	109	0	0.0%	0	53	0.5%	1,918
Waushara	18	0.2%	1,326	0	0.0%	0	0	0.0%	0	18	0.2%	1,326
Winnebago	257	2.7%	2,108	23	1.4%	189	0	0.0%	0	280	2.5%	2,296
Region total	1,631	17.3%	2,101	216	13.1%	278	0	0.0%	0	1,847	16.6%	2,380
Northern												
Ashland	4	0.0%	360	0	0.0%	0	0	0.0%	0	4	0.0%	360
Bayfield	6	0.1%	773	0	0.0%	0	0	0.0%	0	6	0.1%	773
Florence	4	0.0%	1,674	0	0.0%	0	0	0.0%	0	4	0.0%	1,674
Forest	14	0.1%	2,284	1	0.1%	163	0	0.0%	0	15	0.1%	2,447
Iron	2	0.0%	752	0	0.0%	0	0	0.0%	0	2	0.0%	752
Langlade	9	0.1%	857	0	0.0%	0	0	0.0%	0	9	0.1%	857
Lincoln	10	0.1%	686	3	0.2%	206	0	0.0%	0	13	0.1%	892
Marathon	127	1.3%	1,617	11	0.7%	140	2	5.1%	25	140	1.3%	1,782
Oneida	23	0.2%	1,305	0	0.0%	0	0	0.0%	0	23	0.2%	1,305
Portage	77	0.8%	783	8	0.5%	81	0	0.0%	0	85	0.8%	865
Price	6	0.1%	898	0	0.0%	0	0	0.0%	0	6	0.1%	898
Sawyer	27	0.3%	2,882	1	0.1%	107	0	0.0%	0	28	0.3%	2,988
Taylor	17	0.2%	1,454	0	0.0%	0	0	0.0%	0	17	0.2%	1,454
Vilas	26	0.3%	2,527	1	0.1%	97	0	0.0%	0	27	0.2%	2,624
Wood	74	0.8%	1,771	2	0.1%	48	1	2.6%	24	77	0.7%	1,843
Region total	426	4.5%	1,293	27	1.6%	82	3	7.7%	9	456	4.1%	1,384
Southeastern												
Kenosha	305	3.2%	2,801	39	2.4%	358	1	2.6%	9	345	3.1%	3,169
Milwaukee	3,893	41.2%	5,851	1,102	66.9%	1,656	24	61.5%	36	5,019	45.0%	7,544
Ozaukee	40	0.4%	727	10	0.6%	182	0	0.0%	0	50	0.4%	909
Racine	338	3.6%	2,829	45	2.7%	377	1	2.6%	8	384	3.4%	3,214
Walworth	103	1.1%	970	10	0.6%	94	0	0.0%	0	113	1.0%	1,064
Washington	72	0.8%	1,062	16	1.0%	236	0	0.0%	0	88	0.8%	1,298
Waukesha	261	2.8%	1,216	20	1.2%	93	1	2.6%	5	282	2.5%	1,314
Region total	5,012	53.0%	3,748	1,242	75.4%	929	27	69.2%	20	6,281	56.4%	4,697

Wisconsin STD Program data

Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Southern												
Adams	10	0.1%	1,057	1	0.1%	106	0	0.0%	0	11	0.1%	1,163
Columbia	49	0.5%	1,636	1	0.1%	33	0	0.0%	0	50	0.4%	1,669
Crawford	7	0.1%	606	0	0.0%	0	0	0.0%	0	7	0.1%	606
Dane	785	8.3%	1,295	70	4.2%	116	8	20.5%	13	863	7.7%	1,424
Dodge	61	0.6%	1,086	7	0.4%	125	0	0.0%	0	68	0.6%	1,211
Grant	40	0.4%	646	2	0.1%	32	0	0.0%	0	42	0.4%	678
Green	23	0.2%	1,223	2	0.1%	106	0	0.0%	0	25	0.2%	1,330
Iowa	14	0.1%	1,082	1	0.1%	77	0	0.0%	0	15	0.1%	1,159
Jefferson	65	0.7%	1,202	0	0.0%	0	0	0.0%	0	65	0.6%	1,202
Juneau	29	0.3%	1,813	3	0.2%	188	0	0.0%	0	33	0.3%	2,063
Lafayette	7	0.1%	728	2	0.1%	208	0	0.0%	0	9	0.1%	936
Richland	13	0.1%	1,309	0	0.0%	0	0	0.0%	0	13	0.1%	1,309
Rock	275	2.9%	2,762	31	1.9%	311	0	0.0%	0	306	2.7%	3,073
Sauk	52	0.5%	1,503	2	0.1%	58	0	0.0%	0	54	0.5%	1,561
Vernon	6	0.1%	369	0	0.0%	0	1	2.6%	61	7	0.1%	430
Region total	1,436	15.2%	1,372	122	7.4%	117	9	23.1%	9	1,568	14.1%	1,498
Western												
Barron	53	0.6%	1,965	0	0.0%	0	0	0.0%	0	53	0.5%	1,965
Buffalo	8	0.1%	1,068	0	0.0%	0	0	0.0%	0	8	0.1%	1,068
Burnett	8	0.1%	958	0	0.0%	0	0	0.0%	0	8	0.1%	958
Chippewa	81	0.9%	2,120	4	0.2%	105	0	0.0%	0	85	0.8%	2,225
Clark	26	0.3%	1,393	2	0.1%	107	0	0.0%	0	28	0.3%	1,501
Douglas	45	0.5%	1,554	4	0.2%	138	0	0.0%	0	49	0.4%	1,692
Dunn	55	0.6%	827	3	0.2%	45	0	0.0%	0	58	0.5%	872
Eau Claire	229	2.4%	1,549	1	0.1%	7	0	0.0%	0	230	2.1%	1,556
Jackson	24	0.3%	1,714	0	0.0%	0	0	0.0%	0	24	0.2%	1,714
La Crosse	200	2.1%	1,322	19	1.2%	126	0	0.0%	0	219	2.0%	1,448
Monroe	52	0.5%	1,972	1	0.1%	38	0	0.0%	0	53	0.5%	2,010
Pepin	4	0.0%	909	0	0.0%	0	0	0.0%	0	4	0.0%	909
Pierce	45	0.5%	851	2	0.1%	38	0	0.0%	0	47	0.4%	889
Polk	29	0.3%	1,204	1	0.1%	42	0	0.0%	0	30	0.3%	1,246
Rusk	13	0.1%	1,826	0	0.0%	0	0	0.0%	0	13	0.1%	1,826
St. Croix	47	0.5%	1,027	4	0.2%	87	0	0.0%	0	51	0.5%	1,115
Trempealeau	25	0.3%	1,822	0	0.0%	0	0	0.0%	0	25	0.2%	1,822
Washburn	6	0.1%	730	0	0.0%	0	0	0.0%	0	6	0.1%	730
Region total	950	10.0%	1,375	41	2.5%	59	0	0.0%	0	991	8.9%	1,435
Unknown												
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Region total	0	0.0%		0	0.0%		0	0.0%		0	0.0%	
Total	9,455	100.0%	2,262	1,648	100.0%	394	39	100.0%	9	11,143	100.0%	2,665

** Cases per 100,000 population.

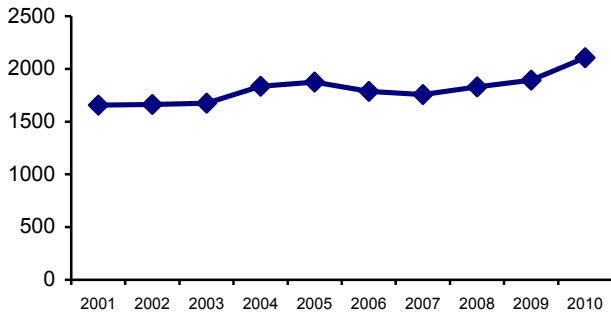
Wisconsin sexually transmitted disease surveillance report, 2011

Reported cases by year of diagnosis, past ten years

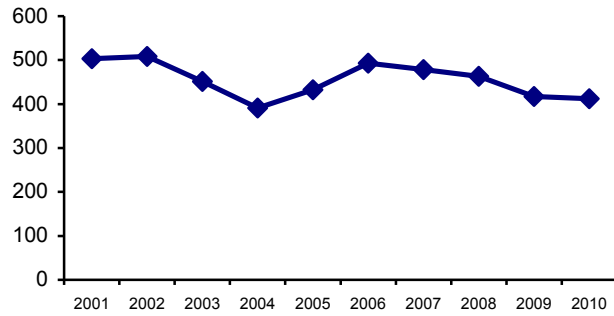
Persons 20-24 years of age

Year	Chlamydia		Gonorrhea		Syphilis		Total	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
2002	6,409	1,663	1,957	508	15	4	8,381	2,175
2003	6,687	1,676	1,803	452	11	3	8,501	2,130
2004	7,482	1,835	1,593	391	8	2	9,083	2,228
2005	7,780	1,874	1,796	433	11	3	9,587	2,309
2006	7,512	1,786	2,073	493	17	4	9,602	2,283
2007	7,355	1,757	2,004	479	23	5	9,382	2,241
2008	7,628	1,830	1,931	463	30	7	9,589	2,301
2009	7,919	1,894	1,743	417	33	8	9,695	2,319
2010	8,808	2,107	1,722	412	44	11	10,574	2,529

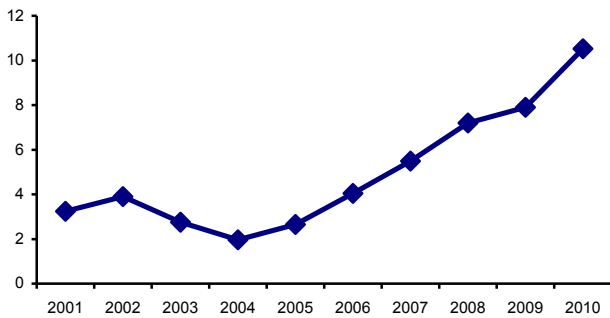
Chlamydia rate*



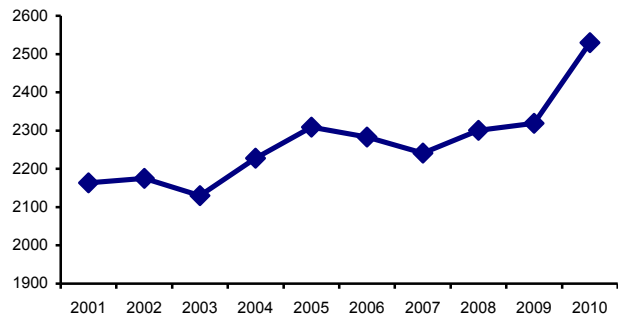
Gonorrhea rate*



Syphilis rate*



Total rate*



* Cases per 100,000 population.

Wisconsin sexually transmitted disease surveillance report, 2011
Unadjusted* and imputed cases per 100,000 population by race**
Persons 20-24 years of age

	White		African American		American Indian		Asian/Pacific Islander	
	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**
Chlamydia	1,099	1,389	8,455	11,959	3,021	3,498	888	1,171
Gonorrhea	85	104	2,711	3,623	463	553	57	78
Other	0	0	0	0	0	0	0	0
Syphilis	4	4	70	73	0	0	0	0
Total	1,189	1,497	11,235	15,655	3,485	4,051	945	1,249

* The unadjusted rate is the number of reported cases with specified race per 100,000 population. Because some cases are reported without specified race, the unadjusted rate under-estimates actual morbidity and thus should be regarded as a minimum estimate.

** The imputed rate takes into consideration cases reported without race specified. To calculate the imputed rate, reported cases with unspecified race were statistically allocated using the age-sex-county-specific race distribution for cases with specified race. Thus, imputed rates specified in this table are estimates.

Technical Notes

1. These reports are compiled by the Wisconsin STD Control Section and are based on STD case surveillance data collected by the Wisconsin Division of Public Health (DPH). In Wisconsin, state statutes require health care providers to report cases of chlamydia, gonorrhea, syphilis, chancroid and pelvic inflammatory disease to local health departments. Local health departments in turn forward reports to the DPH.
2. These reports include cases diagnosed within the specified period. Additional cases diagnosed within the specified period may continue to be reported. Thus, this report should be considered provisional, and this supersedes all previous reports.
3. Reporting of STD cases is incomplete. Reporting rates may vary by disease, geographic region, and demographic groups. At any time, reported STD cases represent only part of the total number of diagnosed cases, therefore STD surveillance data likely underestimates total STD morbidity.
4. In these reports, rates presented are cases per 100,000 population. Rates are not calculated for categories with small numbers of cases. See each report for the rate calculation threshold.
5. Typically a significant number of STD cases are reported with unspecified race. When noted, imputed race-specific rates have been calculated. To calculate the imputed rate, reported cases with unspecified race were statistically allocated using the county-specific race distribution among cases with specified race. Thus, imputed rates specified in this table are estimates and should be used only for comparison.
6. In these reports, cases are allocated to the county of residence at the time of diagnosis. Cases diagnosed among inmates of correctional facilities are allocated to the county of the facility.

For more information contact:

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